Name:	Date:	Period:	

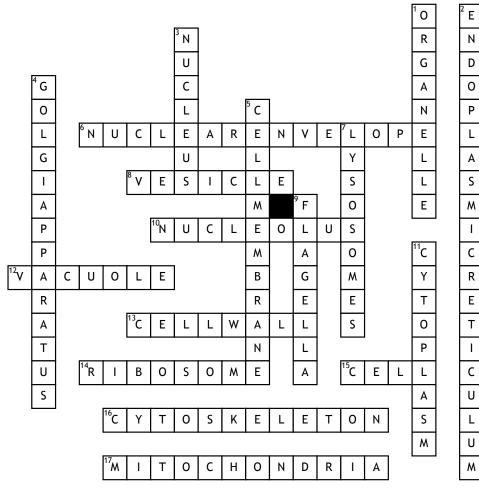
Cell Organelles

<u>Across</u>

- **6.** A double membrane that surrounds the nucleus in the cell
- **8.** A membrane bound sac that contains materials involved in transport of the cell
- 10. The organelle where ribosomes are made, synthesized and partially assembled, located in the nucleus
- **12.** Stores water and nutrients for the cell; very large in plant cells
- **13.** A rigid structure that surrounds the cells of plants and most bacteria
- **14.** An organelle that functions in the synthesis of proteins
- **15.** A membrane bound structure that is the basic unit of life
- **16.** Known as the "skeleton" of the cell; network of long protein strands in the cytosol that helps support the cell
- **17.** Powerhouse of the cell; produces energy (ATP) from oxygen and sugar (cellular respiration)

Down

- 1. One of several bodies with a specialized function that is suspended in the cytosol of the cell; small organs
- **2.** An internal membrane system in which components of cell membrane and some proteins are constructed



- **3.** The organelle that contains the DNA and controls the processes of the cell
- **4.** A system of membranes that modifies and packages proteins for export by the cell
- **5.** The lipid bilayr that forms the outer boundary of the cell
- **7.** An organelle containing digestive enzymes
- **9.** whip-like tails found in one-celled organisms to aid movement
- **11.** A jelly-like substance that hold the cell organelles together

